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Patent  
Attorney's Docket No. 030681-354

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Kyung-jin LEE et al.

Application No.: 10/038,604

Filed: January 8, 2002

For: PERPENDICULAR MAGNETIC THIN  
FILM FOR ULTRAHIGH DENSITY  
RECORDING



} Group Art Unit: 1772

} Examiner: Unassigned

} Confirmation No.: 7771

**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

**RECEIVED**

SEP 4 - 2002

**TC 1700**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

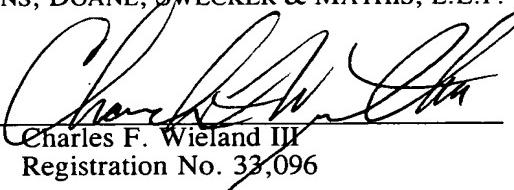
- No additional fee for submission of an IDS is required.
- The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \$\_\_\_\_\_ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

✓ Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:



Charles F. Wieland III  
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Date: September 3, 2002



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**SECOND INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. A copy of the Search and Examination Report of Singapore Patent Application No. 200200084-2 is also enclosed.

- 1) Y. Sonobe et al., "Composite Perpendicular Recording Medium Consisting of CoCrPt With Large H<sub>k</sub> and CoCr With Positive Inter-particle Interaction", IEEE Transactions on Magnetics, Vol. 35, No. 5, September 1999, pp. 2769-71
- 2) Y. Ikeda et al., "High Signal-to Noise Ratio of a Cr-Rich CoCrPt perpendicular Medium With A Large Medium Thickness", IEEE Transactions on Magnetics, Vol. 33, No. 5, September 1997, pp. 3079-81
- 3) U.S. Patent No. 6,083,599
- 4) U.S. Patent No. 5,863,631

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

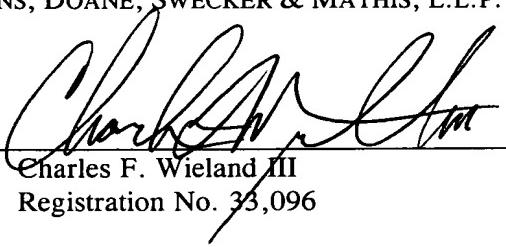
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Application No. 10/038,604  
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To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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